

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : **10-319950**

(43) Date of publication of application : **04.12.1998**

(51)Int.Cl.

**G10H 1/00**

(21)Application number : **09-148670**

(71)Applicant : YAMAHA CORP

(22)Date of filing : **22.05.1997**

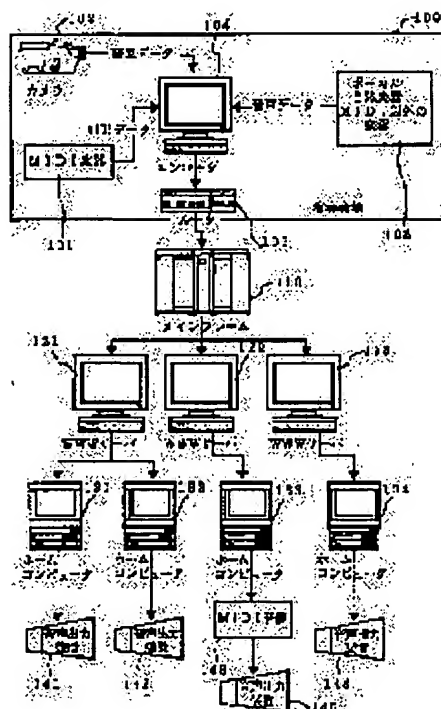
(72)Inventor : KIKUCHI TAKESHI

## (54) DATA TRANSMITTING AND RECEIVING METHOD AND SYSTEM

(57)Abstract:

**PROBLEM TO BE SOLVED:** To synchronize and to match the timing of the musical sounds generated by the performance of players, the picture of the playing and voices and to reproduce them in the system in which playing, picture and voice data of a network concert using Internet are distributed through the network and the environment of the concert hall is reproduced from the data at a receiving side.

**SOLUTION:** The picture data generated in parallel with the musical.instrument.digital.interface(MIDI) form playing data by the playing operation of MIDI musical instruments 101, voice data (voices and the musical instruments other than MIDI musical instruments) and various associated data are made into MIDI events, combined with the MIDI type playing data and distributed. At the receiving side, a reproducing is conducted in a MIDI base, i.e., the picture and voice data, which are made into MIDI forms, are handled as conventional playing data on the MIDI and reproduced.



## LEGAL STATUS

[Date of request for examination] 24.02.1999

[Date of sending the examiner's decision of rejection] 27.04.2001

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3242028

[Date of registration] 19.10.2001

[Number of appeal against examiner's decision of 2001-08947 rejection]

[Date of requesting appeal against examiner's decision of rejection] 28.05.2001

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office